

11B  
enc  
7/26/02

In re Application of:

Group Art Unit: 1614

Examiner: **Gary B. Nickol**

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The undersigned hereby states upon information and belief that the Sequence Listing submitted concurrently herewith does not include matter which goes beyond the content of the application as filed and that the information recorded on the diskette submitted concurrently herewith is identical to the written Sequence Listing submitted herewith.

**MORGAN, LEWIS & BOCKIUS LLP**

By: Rachel B. Kapust  
Rachel B. Kapust

1-WA/1830062.1

# NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):



- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other:

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## Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support

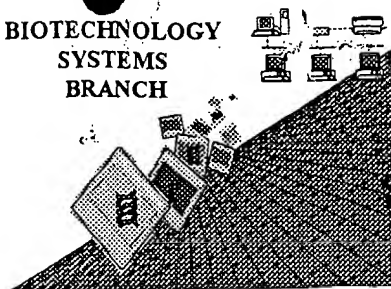
Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR REPLY**

Applicant's Copy

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BIOTECHNOLOGY  
SYSTEMS  
BRANCH



160  
MAY 14 2002

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## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/646,785  
Source: PG/09  
Date Processed by STIC: 5/8/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

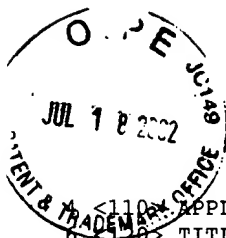
### Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>



RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/646,785

DATE: 05/08/2001  
TIME: 12:23:11

Input Set : A:\So5042us.txt  
Output Set: N:\CRF3\05082001\I646785.raw

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Does Not Comply  
Corrected Diskette Needed

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OK

10 <110> APPLICANT: CHUGAI SEIYAKU KABUSIKI KAISHA  
11 <120> TITLE OF INVENTION: Vascularization Inhibitors  
8 <130> FILE REFERENCE: 46124-5042-US  
10 <140> CURRENT APPLICATION NUMBER: US/09/646,785  
11 <141> CURRENT FILING DATE: 2000-09-22  
13 <150> PRIOR APPLICATION NUMBER: JP10/95448  
14 <151> PRIOR FILING DATE: 1998-03-24  
16 <160> NUMBER OF SEQ ID NOS: 12

# ERRORED SEQUENCES

119 <210> SEQ ID NO: 3  
120 <211> LENGTH: 359  
121 <212> TYPE: PRT  
122 <213> ORGANISM: Mus  
124 <400> SEQUENCE: 3  
125 Met Glu Pro Ile Ser Val Ser Ile Tyr Thr Ser Asp Asn Tyr Ser  
126 5 10 15  
127 Glu Glu Val Gly Ser Gly Asp Tyr Asp Ser Asn Lys Glu Pro Cys  
128 20 25 30  
129 Phe Arg Asp Glu Asn Val His Phe Asn Arg Ile Phe Leu Pro Thr  
130 35 40 45  
131 Ile Tyr Phe Ile Ile Phe Leu Thr Gly Ile Val Gly Asn Gly Leu  
132 50 55 60  
133 Val Ile Leu Val Met Gly Tyr Gln Lys Lys Leu Arg Ser Met Thr  
134 65 70 75  
135 Asp Lys Tyr Arg Leu His Leu Ser Val Ala Asp Leu Leu Phe Val  
136 80 85 90  
E--> 137 Ile Thr Leu Pro Phe Trp Ala Val Asp Ala Met Ala Asp Trp Tyr *deleted period - use uppercase*  
138 95 100 105  
139 Phe Gly Lys Phe Leu Cys Lys Ala Val His Ile Ile Tyr Thr Val  
140 110 115 120  
141 Asn Leu Tyr Ser Ser Val Leu Ile Leu Ala Phe Ile Ser Leu Asp  
142 125 130 135  
143 Arg Tyr Leu Ala Ile Val His Ala Thr Asn Ser Gln Arg Pro Arg  
144 140 145 150  
145 Lys Leu Leu Ala Glu Lys Ala Val Tyr Val Gly Val Trp Ile Pro  
146 155 160 165  
147 Ala Leu Leu Leu Thr Ile Pro Asp Phe Ile Phe Ala Asp Val Ser  
148 170 175 180  
149 Gln Gly Asp Ile Ser Gln Gly Asp Asp Arg Tyr Ile Cys Asp Arg  
150 185 190 195  
151 Leu Tyr Pro Asp Ser Leu Trp Met Val Val Phe Gln Phe Gln His  
152 200 205 210  
153 Ile Met Val Gly Leu Ile Leu Pro Gly Ile Val Ile Leu Ser Cys  
154 215 220 225

*for initial  
letter of amend  
and Ala*



## RAW SEQUENCE LISTING

DATE: 05/08/2001

PATENT APPLICATION: US/09/646,785

TIME: 12:23:11

Input Set : A:\So5042us.txt

Output Set: N:\CRF3\05082001\I646785.raw

155	Tyr	Cys	Ile	Ile	Ile	Ser	Lys	Leu	Ser	His	Ser	Lys	Gly	His	Gln
156					230					235					240
157	Lys	Arg	Lys	Ala	Leu	Lys	Thr	Thr	Val	Ile	Leu	Ile	Leu	Ala	Phe
158					245					250					255
159	Phe	Ala	Cys	Trp	Leu	Pro	Tyr	Tyr	Val	Gly	Ile	Ser	Ile	Asp	Ser
160					260					265					270
161	Phe	Ile	Leu	Leu	Gly	Val	Ile	Lys	Gln	Gly	Cys	Asp	Phe	Glu	Ser
162					275					280					285
163	Ile	Val	His	Lys	Trp	Ile	Ser	Ile	Thr	Glu	Ala	Leu	Ala	Phe	Phe
164					290					295					300
165	His	Cys	Cys	Leu	Asn	Pro	Ile	Leu	Tyr	Ala	Phe	Leu	Gly	Ala	Lys
166					305					310					315
167	Phe	Lys	Ser	Ser	Ala	Gln	His	Ala	Leu	Asn	Ser	Met	Ser	Arg	Gly
168					320					325					330
169	Ser	Ser	Leu	Lys	Ile	Leu	Ser	Lys	Gly	Lys	Arg	Gly	Gly	His	Ser
170					335					340					345
171	Ser	Val	Ser	Thr	Glu	Ser	Glu	Ser	Ser	Ser	Phe	His	Ser	Ser	
172					350					355					

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/646,785

DATE: 05/08/2001

TIME: 12:23:12

Input Set : A:\So5042us.txt

Output Set: N:\CRF3\05082001\I646785.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:137 M:333 E: Wrong sequence grouping, Amino acids not in groups!

L:137 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:1